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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/976,900A

DATE: 04/12/2002
TIME: 14:56:03

P.5

Input Set : A:\00-713-i23 Rev seq list.txt
Output Set: N:\CRF3\04122002\I976900A.raw

3 <110> APPLICANT: Mirkin, Chad A.
4 Letsinger, Robert L.
5 Mucic, Robert C.
6 Storhoff, James J.
7 Elghanian, Robert
8 Taton, Thomas A.
10 <120> TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
11 AND USES THEREFOR
13 <130> FILE REFERENCE: 00-713-i23
15 <140> CURRENT APPLICATION NUMBER: 09/976,900A
16 <141> CURRENT FILING DATE: 2001-10-12
18 <150> PRIOR APPLICATION NUMBER: 09/603,830
19 <151> PRIOR FILING DATE: 2000-06-26
21 <150> PRIOR APPLICATION NUMBER: 09/344,667
22 <151> PRIOR FILING DATE: 1999-06-25
24 <150> PRIOR APPLICATION NUMBER: 09/240,755
25 <151> PRIOR FILING DATE: 1999-01-29
27 <150> PRIOR APPLICATION NUMBER: PCT/US97/12783
28 <151> PRIOR FILING DATE: 1997-07-21
30 <150> PRIOR APPLICATION NUMBER: 60/031,809
31 <151> PRIOR FILING DATE: 1996-07-29
33 <150> PRIOR APPLICATION NUMBER: 60/200,161
34 <151> PRIOR FILING DATE: 2000-04-26
36 <160> NUMBER OF SEQ ID NOS: 64
38 <170> SOFTWARE: Microsoft Word 2000
40 <210> SEQ ID NO: 1
41 <211> LENGTH: 20
42 <212> TYPE: DNA
43 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Description of Artificial Sequence:random
47 synthetic sequence
49 <400> SEQUENCE: 1
50 aaacgactct agcgcgtata 20
53 <210> SEQ ID NO: 2
54 <211> LENGTH: 20
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Description of Artificial Sequence:random
60 synthetic sequence
62 <400> SEQUENCE: 2
63 atggcaacta tacgcgttag 20

RAW SEQUENCE LISTING DATE: 04/12/2002
PATENT APPLICATION: US/09/976,900A TIME: 14:56:03

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66 <210> SEQ ID NO: 3
67 <211> LENGTH: 16
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Description of Artificial Sequence:random
73 synthetic sequence
75 <400> SEQUENCE: 3
76 ccttgagatt tccctc 16
79 <210> SEQ ID NO: 4
80 <211> LENGTH: 16
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence:random
86 synthetic sequence
88 <400> SEQUENCE: 4
89 gagggaaatc tcaagg 16
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 18
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence:random
99 synthetic sequence
101 <400> SEQUENCE: 5
102 aacttgcgct aatggcga 18
105 <210> SEQ ID NO: 6
106 <211> LENGTH: 26
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Description of Artificial Sequence:random
112 synthetic sequence
114 <400> SEQUENCE: 6
115 aagttgcgct ttacggctaa tggcga 26
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 15
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Description of Artificial Sequence:random
125 synthetic sequence
127 <400> SEQUENCE: 7
128 ttcctttccc ttttc 15
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 15
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING DATE: 04/12/2002
PATENT APPLICATION: US/09/976,900A TIME: 14:56:03

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136 <220> FEATURE:
137 <223> OTHER INFORMATION: Description of Artificial Sequence:random
138 synthetic sequence
140 <400> SEQUENCE: 8 15
141 gaaaaggaa ggaga
144 <210> SEQ ID NO: 9
145 <211> LENGTH: 15
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Description of Artificial Sequence:random
151 synthetic sequence
153 <400> SEQUENCE: 9 15
154 cttttccctt cctct
157 <210> SEQ ID NO: 10
158 <211> LENGTH: 28
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Description of Artificial Sequence:random
164 synthetic sequence
166 <400> SEQUENCE: 10 28
167 aaacgactct agcgcgtata gttgccat
170 <210> SEQ ID NO: 11
171 <211> LENGTH: 28
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence:random
177 synthetic sequence
179 <400> SEQUENCE: 11 28
180 atggcaacta tacgcgttag agtcgttt
183 <210> SEQ ID NO: 12
184 <211> LENGTH: 15
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence:random
190 synthetic sequence
192 <400> SEQUENCE: 12 15
193 cctatcgacc atgct
196 <210> SEQ ID NO: 13
197 <211> LENGTH: 30
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence:random
203 synthetic sequence
205 <400> SEQUENCE: 13

RAW SEQUENCE LISTING DATE: 04/12/2002
PATENT APPLICATION: US/09/976,900A. TIME: 14:56:03

Input Set : A:\00-713-i23 Rev seq list.txt
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206 agcatggtcg ataggaaacg actctagcgc 30
209 <210> SEQ ID NO: 14
210 <211> LENGTH: 15
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: Description of Artificial Sequence:random
216 synthetic sequence
218 <400> SEQUENCE: 14
219 gcgctagagt cgttt 15
222 <210> SEQ ID NO: 15
223 <211> LENGTH: 30
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Description of Artificial Sequence:random
229 synthetic sequence
231 <400> SEQUENCE: 15
232 agcatggtcg ataggatggc aactatacgc 30
235 <210> SEQ ID NO: 16
236 <211> LENGTH: 24
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Description of Artificial Sequence:random
242 synthetic sequence
244 <400> SEQUENCE: 16
245 gtcgatagga aacgactcta gcgc 24
248 <210> SEQ ID NO: 17
249 <211> LENGTH: 30
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of Artificial Sequence:random
255 synthetic sequence
257 <400> SEQUENCE: 17
258 agcatggttg ataggaaacg actctagcgc 30
261 <210> SEQ ID NO: 18
262 <211> LENGTH: 30
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Description of Artificial Sequence:random
268 synthetic sequence
270 <400> SEQUENCE: 18
271 agcatgttg ataggaaacg actctagcgc 30
274 <210> SEQ ID NO: 19
275 <211> LENGTH: 12
276 <212> TYPE: DNA

RAW SEQUENCE LISTING DATE: 04/12/2002
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Input Set : A:\00-713-i23 Rev seq list.txt
 Output Set: N:\CRF3\04122002\I976900A.raw

277 <213> ORGANISM: Artificial Sequence
 279 <220> FEATURE:
 280 <223> OTHER INFORMATION: Description of Artificial Sequence:random
 281 synthetic sequence
 283 <400> SEQUENCE: 19
 284 tctcaactcg ta 12
 287 <210> SEQ ID NO: 20
 288 <211> LENGTH: 12
 289 <212> TYPE: DNA
 290 <213> ORGANISM: Artificial Sequence
 292 <220> FEATURE:
 293 <223> OTHER INFORMATION: Description of Artificial Sequence:random
 294 synthetic sequence
 296 <400> SEQUENCE: 20
 297 cgcattcagg at 12
 300 <210> SEQ ID NO: 21
 301 <211> LENGTH: 24
 302 <212> TYPE: DNA
 303 <213> ORGANISM: Artificial Sequence
 305 <220> FEATURE:
 306 <223> OTHER INFORMATION: Description of Artificial Sequence:random
 307 synthetic sequence
 309 <400> SEQUENCE: 21
 310 tacgagttga gagagtgcac acat 24
 313 <210> SEQ ID NO: 22
 314 <211> LENGTH: 24
 315 <212> TYPE: DNA
 316 <213> ORGANISM: Artificial Sequence
 318 <220> FEATURE:
 319 <223> OTHER INFORMATION: Description of Artificial Sequence:random
 320 synthetic sequence
 322 <400> SEQUENCE: 22
 323 tacgagttga gaatctgaa tgcg 24
 326 <210> SEQ ID NO: 23
 327 <211> LENGTH: 24
 328 <212> TYPE: DNA
 329 <213> ORGANISM: Artificial Sequence
 331 <220> FEATURE:
 332 <223> OTHER INFORMATION: Description of Artificial Sequence:random
 333 synthetic sequence
 335 <400> SEQUENCE: 23
 336 tacgagttga gaatctgaa tgct 24
 339 <210> SEQ ID NO: 24
 340 <211> LENGTH: 24
 341 <212> TYPE: DNA
 342 <213> ORGANISM: Artificial Sequence
 344 <220> FEATURE:
 345 <223> OTHER INFORMATION: Description of Artificial Sequence:random
 346 synthetic sequence

Use of n and / or Xaa has been detected in the
 Sequence Listing. Review the Sequence Listing
 to ensure a corresponding explanation is present
 in the <220> to <223> fields of each sequence
 using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/976,900A

DATE: 04/12/2002

TIME: 14:56:04

Input Set : A:\00-713-i23 Rev seq list.txt
Output Set: N:\CRF3\04122002\I976900A.raw

L:774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57